PC43	EC	7	ASTVIHYEIPEEREKGFAVGNVVANLGLDLGSLSA PTQEMKLEISEAVAPGTRFPI FSAHDPDI GSNSI
	EC EC	ж 4	NOSLYRARVPGGCTSGTRVVQVLATDLDEGPNGE TVTSVYSPVPEDASGTVIALISVTDLDAGFNGI
	EC	9	SOSSYDVYIEENNLPGAPILNLSVWDPDAPQNAR LYPRPGGSSVEMLPRGTSA-GHLVSRVVGWDADAGHNAW
PC42	EC	12	VPEEQPPNTLIGSLAADYGFPDVG-ASPVITLAIPENTNIGSLFPIPLASDRDAGPNGV
	H H H	24 u	ERPSYEAELSENSPIGHSVIQVKANDSDQGANAE EIRGIGLVTHQDGMANISEDVAEETAVALVQVSDRDEGENAA TOSVTEVAEDENNYD
	EC	97	MLSGYNFSVMENMPALSPVGMVTVIDGDKGENAQ TAPSNTSHKLLTPQTRLGETVSQVAAEDFDSGVNAE
FAT	EC18	ထ	EDTVYSFDIPENAQRGYQVGQIVARDADLGQNAQ
N-CAD		12845	DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYT LHQVWNGTVPEGSKPGTYVMTVTAIDADDPNALNGM TAMTFYGEVPENRVDIIVANLTVTDKDQPHTPAWN APNPKIIRQEEGLHAGTMLTTFTAGDPDRYMQQN LPQEAETCETPDPNSINITTALDYDIDPNAGP-
MOTIF			****0***V*EN***GT*V**V*A*D*D*G*N**

FIGURE 1A

## 

RRFPVVSGASRRFFEVNRETGEMFVNDR QTYELSRNEYFALRVQTREDSTKYAELVLERA IIYSFGSHNRAGVRQLFALDLVTGMLTIKGR VTCEVPPGLPFSLTSSLKNYFTLKTSAD LSFFLLEQGAETGLVGRYFTINRDNGIVSSLVP	HLYKLEVGAPYLRVDGKTGDIFTTETS ASYELQVAEDQEEKQPQLIVMGN IEYTFHQAPEVVRRLLRLDRNTGLITVQGP VTCVVAGDVPFQLRQASETGSDSKKYFLQTTTP LVYSLEPEPAAKGLFTISPETGEIQVKTS VQLSVEQDNGDFVIQNGTGTILSSLS LIYSIAGGNPYGLFQIGSHSGAITLEKE	LSYGVVSDWANDVFSLNPQTGMLTLTAR	VTGPGADQPPTGIFIINPISGQLSVTKP LRYRIVSQAPSTPSPNM-FTINNETGDIITVAAG AVYRISGGDPTGRFAIQTDPNSND-GLVTVVKP IRYTKLSDPANWLKIDPVNGQITTIAV	\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*
EC 1 EC 3 EC 4 EC 5	12 C 4 C 2 C C C C C C C C C C C C C C C	EC18	12845 12845	
PC43	PC42	FAT	N-CAD	MOTIF

## TYBELLS . OH 1 SUI

LDRLELCGTLPSCTVTLELVVENPLELFSVEVVIQDINDNNPAF LDREREPSLQLVLTALDGGTPALSASLPIHIKVLDANDNAPVF LDFEDTKLHEIYIQAKDKGANPEGAHCKVLVEVVDVNDNAPEI LDRETVPEYNLSITARDAGTPSLSALTIVRVQVSDINDNPPQS LDYEDRREFELTAHISDGGTPVLATNISVNIFVTDRNDNAPQV QDTDSPRQTLTVL-IKDNGEPSLSTTATLTVSVTEDSPEARAEFPSGSAPREQKKN	IDREGLRECONOLPGDPCILEFEVSITDLVQNASPRLLEGQIEVQDINDNTPNF LDRERWDSYDLTIKVQDGGSPPRSATSALLRVTVLDTNDNAPKF VDREDLSTLRFSVLAKDRGTNPKSARAQVVVTVKDMNDNAPTI LDYEKVKDYTIEIVAVDSGNPPLSSTNSLKVQVVDVNDNAPVF LDREGRESYELKVVAADRGSPSLOGTATVLVNVLDCNDNDPKF FDREQQSTYTFQLKAVDGGVPPRSAYVGVTINVLDENDNAPYI IERRHHGLHRLVVKVSDRGKPPRYGTALVHLYVNETLANRTLLETLLGHSLDTPLD	LDYEEVQHYILIVQAQDNGQPSLSTTITVYCNVLDLNDNAPIF	LDREQIARFHLRAHAVDINGNOVENPIDIVINVIDMNDNRPEF LDRENVOQYTLIIOATDMEGIPTYGLSNTATAVITVTDVNDNPPEF IDFETNRMFVLTVAAENQVPLAKGIQHPPOSTATVSVTVIDVNE-NPYF LDRESPNVKNNIYNATFLASDNGIPPMSGTGTLQIYLLDINDNAPQV IKFLEAGIYEVPIIITDSGNPPKSNISILRVRVCQCDFNGDCTDVDR	LDRE****0*L*v*A*D*G*P****T*Tv*v*V*D*NDNAP*F
00000000000000000000000000000000000000	ECC 277	EC18	2222 12842	
PC43	PC42		N-CAD	Motif
PC	PC	FAT	ż	₩